



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to <http://www.srh.noaa.gov> and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Thursday, April 02, 2015

Issued: 0800 CT

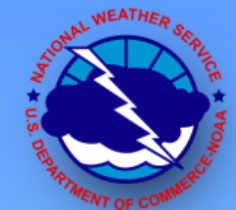
***Day 1 Hazards:*** Slight risk of severe thunderstorms over NE OK, N AR with large hail and damaging winds being the main threat. Critical fire weather conditions over much of NM into the TX/OK Panhandles and NE OK

National Weather Service  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX



Prepared by: Mark Wiley  
817-978-1100 x 147

# Key Points



## Thursday-Friday

- Cold front pushes across the Region late Thursday into Friday with showers and thunderstorms (some severe) possible along and ahead of the front ; cooler temperatures and gusty winds behind the front
  - Thursday: Slight risk of severe thunderstorms over NE OK into north and central AR with a marginal risk of severe thunderstorms over north TX, E OK and S AR
  - Friday: Slight risk of severe thunderstorms over portions of E TX into LA and srn AR with Marginal threat extending into SE/Central/S TX and eastern AR
  - Large hail and damaging winds will be the main threats both days
- Critical fire weather conditions Thursday for much of NM into the TX Panhandle and west TX

## Saturday-Monday

- No significant impacts expected

# \*FEMA Region 6 Threat Matrix

Apr 2, 2015 - Apr 6, 2015

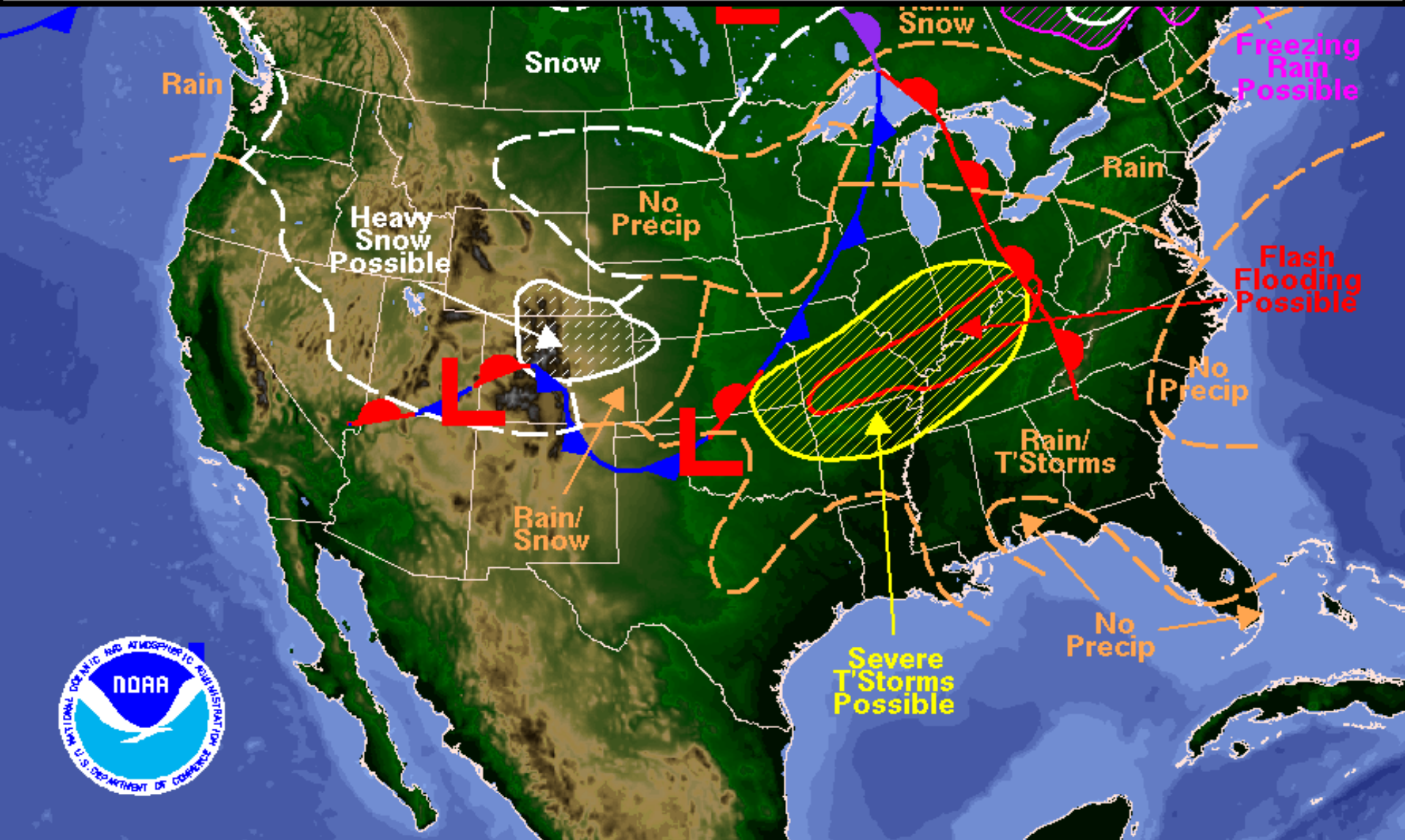
DAY/ THREAT	THU	FRI	SAT	SUN	MON
Severe Storms	N AR, NE OK	S AR, E TX, N LA			
	E OK, N TX, S AR	S/SE TX, E AR			
Heavy Rain /Flooding					
Fire	NM, TX/OK Panhandles, NW OK				
Cold					
Winter					

	High Threat
	Moderate Threat
	Slight Threat
	No Widespread Threat

\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.



# Today's Weather

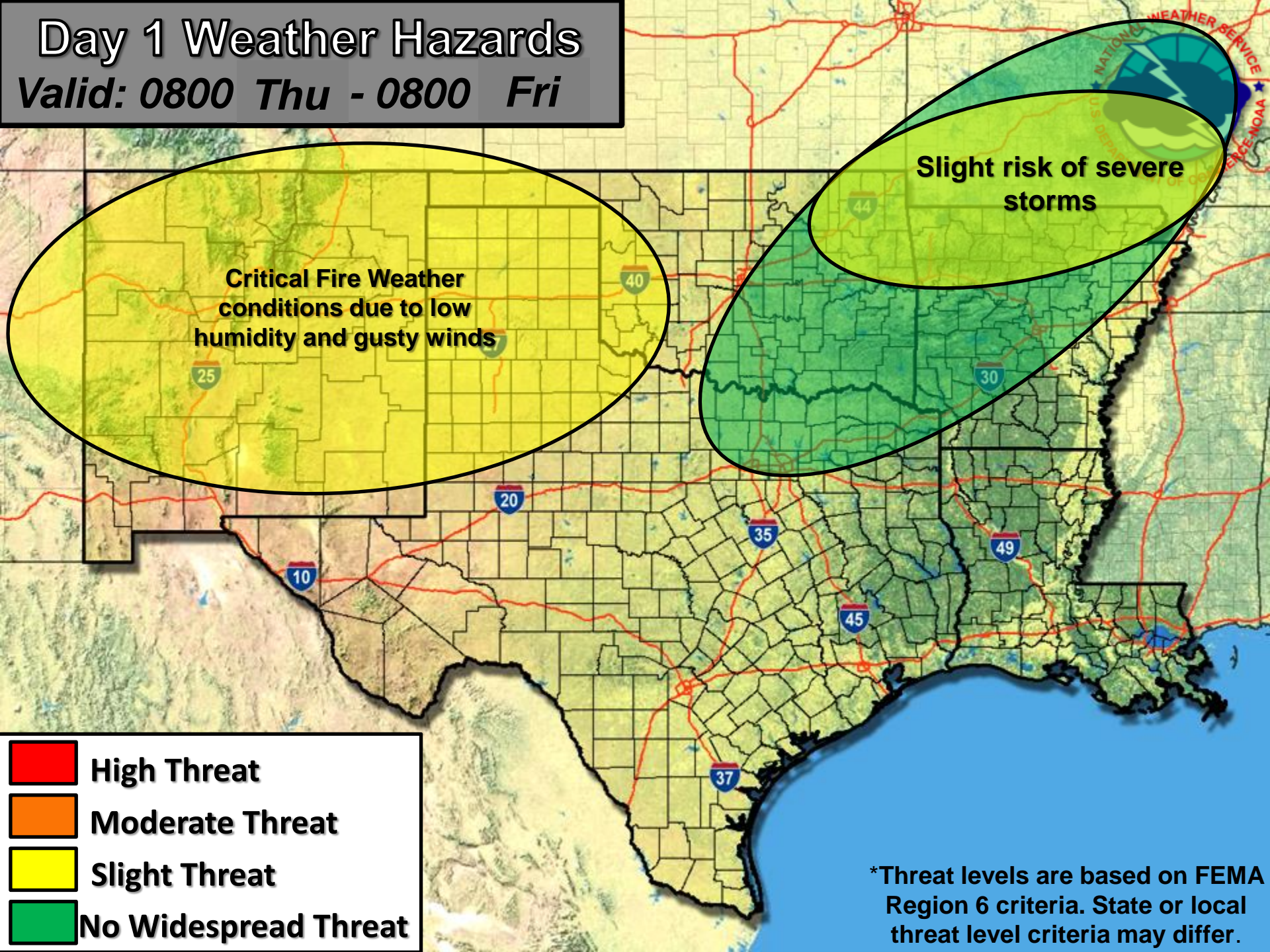


Weather Forecast for Thu, Apr 02, 2015, issued 3:33 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts



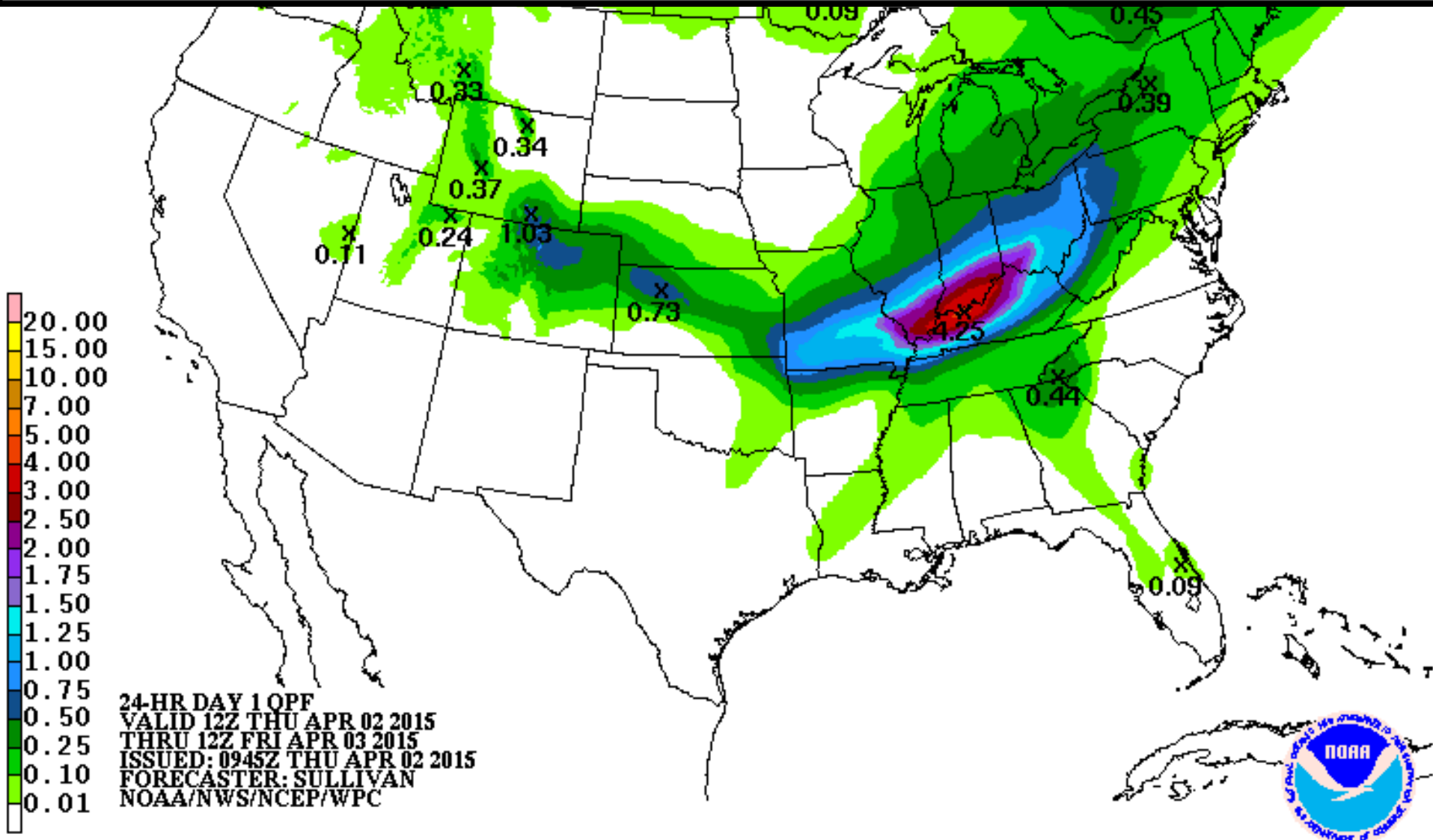
# Day 1 Weather Hazards

*Valid: 0800 Thu - 0800 Fri*



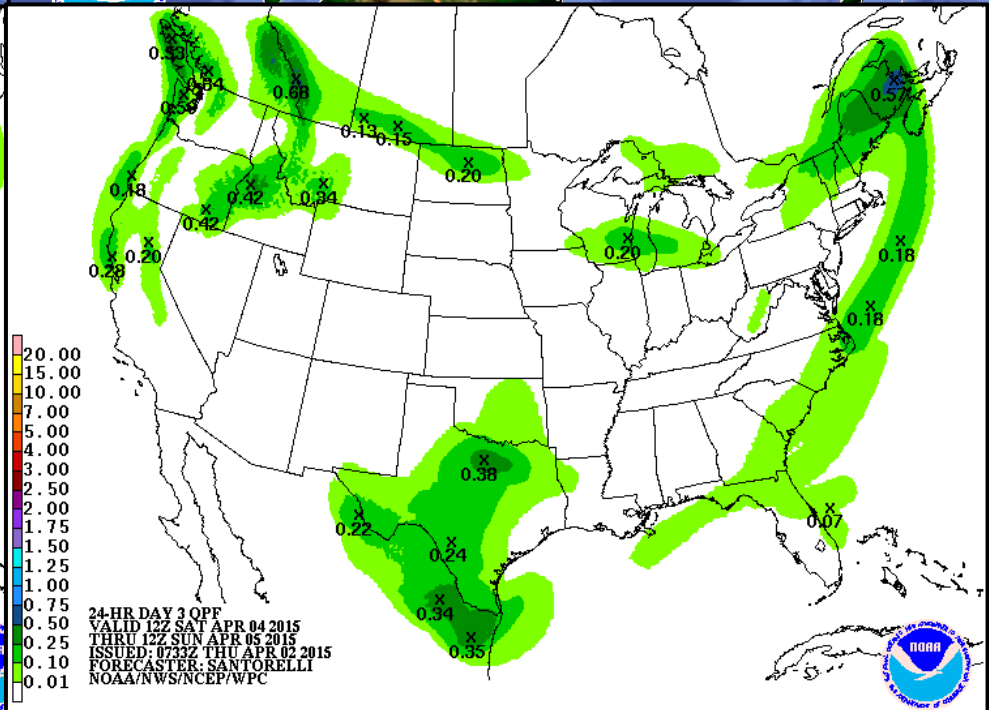
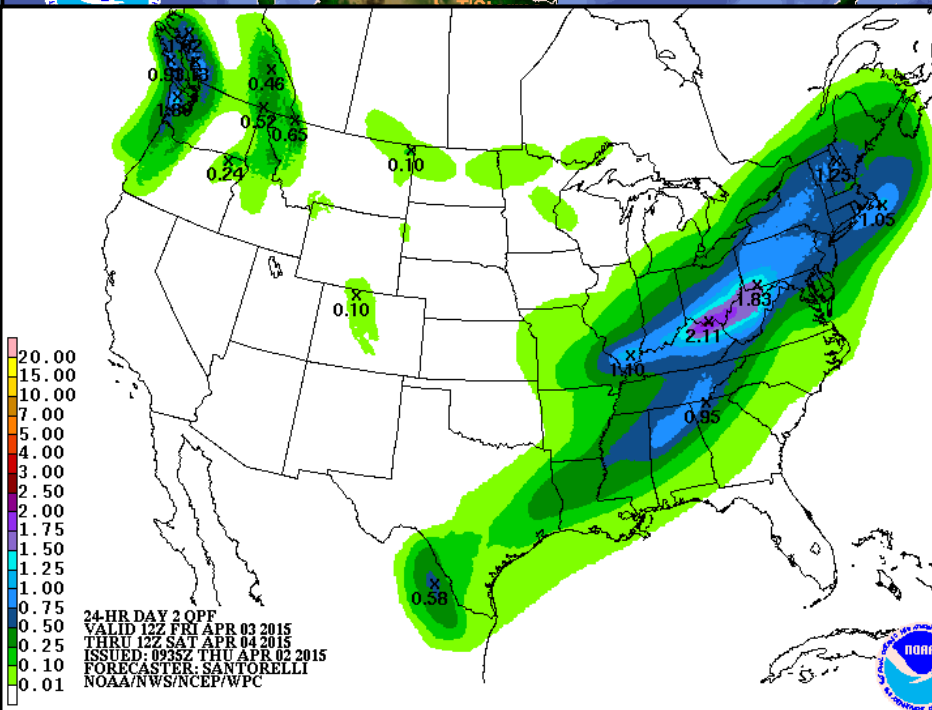
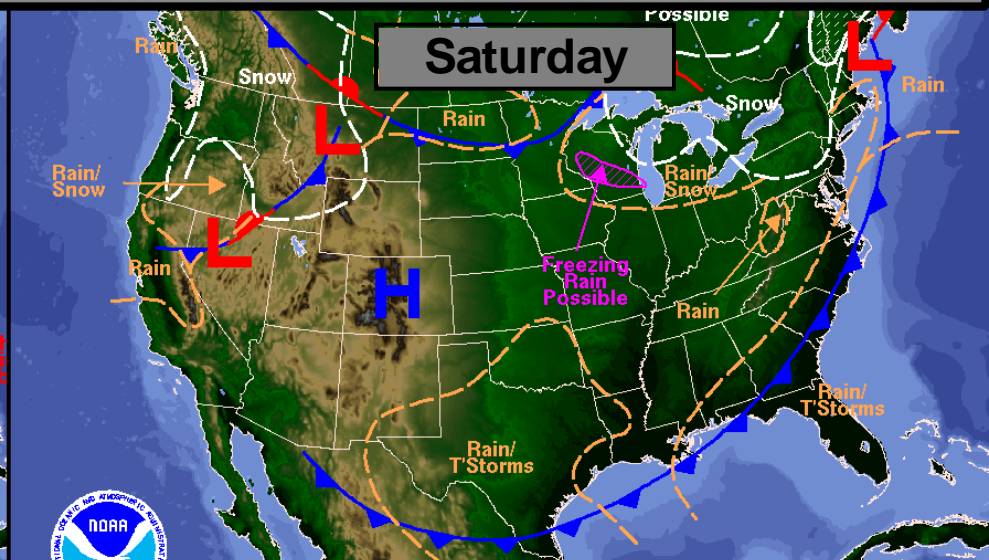
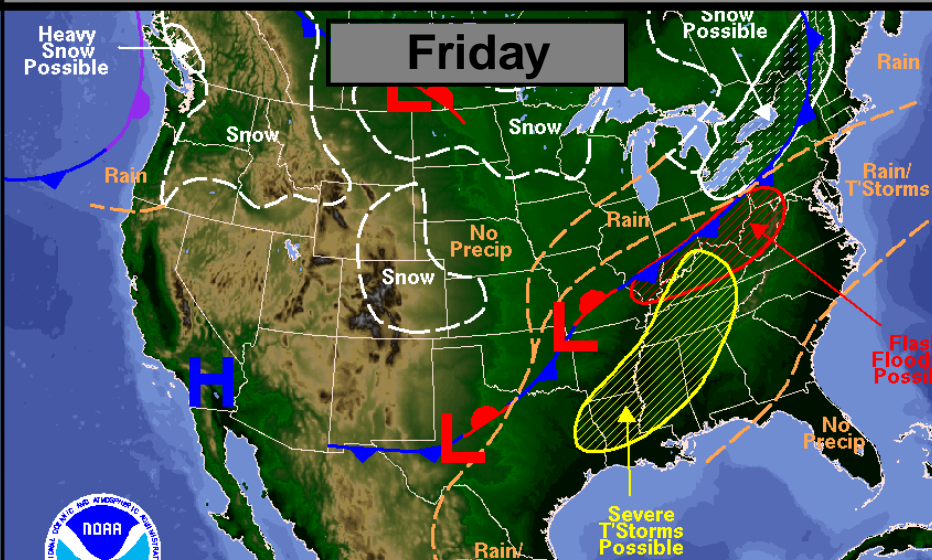
# Today's Precipitation

## Thu AM - Fri AM





# Day 2-3 Weather Maps/Precipitation





# Day 2-3 Weather Hazards

Valid: 0800 Fri - 0800 Sun

Large Hail and damaging winds will be the main threats w/ any severe storms that develop



Slight risk of severe storms Friday



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# Day 4-5 Weather Hazards

Valid: 0800 Sun - 0800 Tue



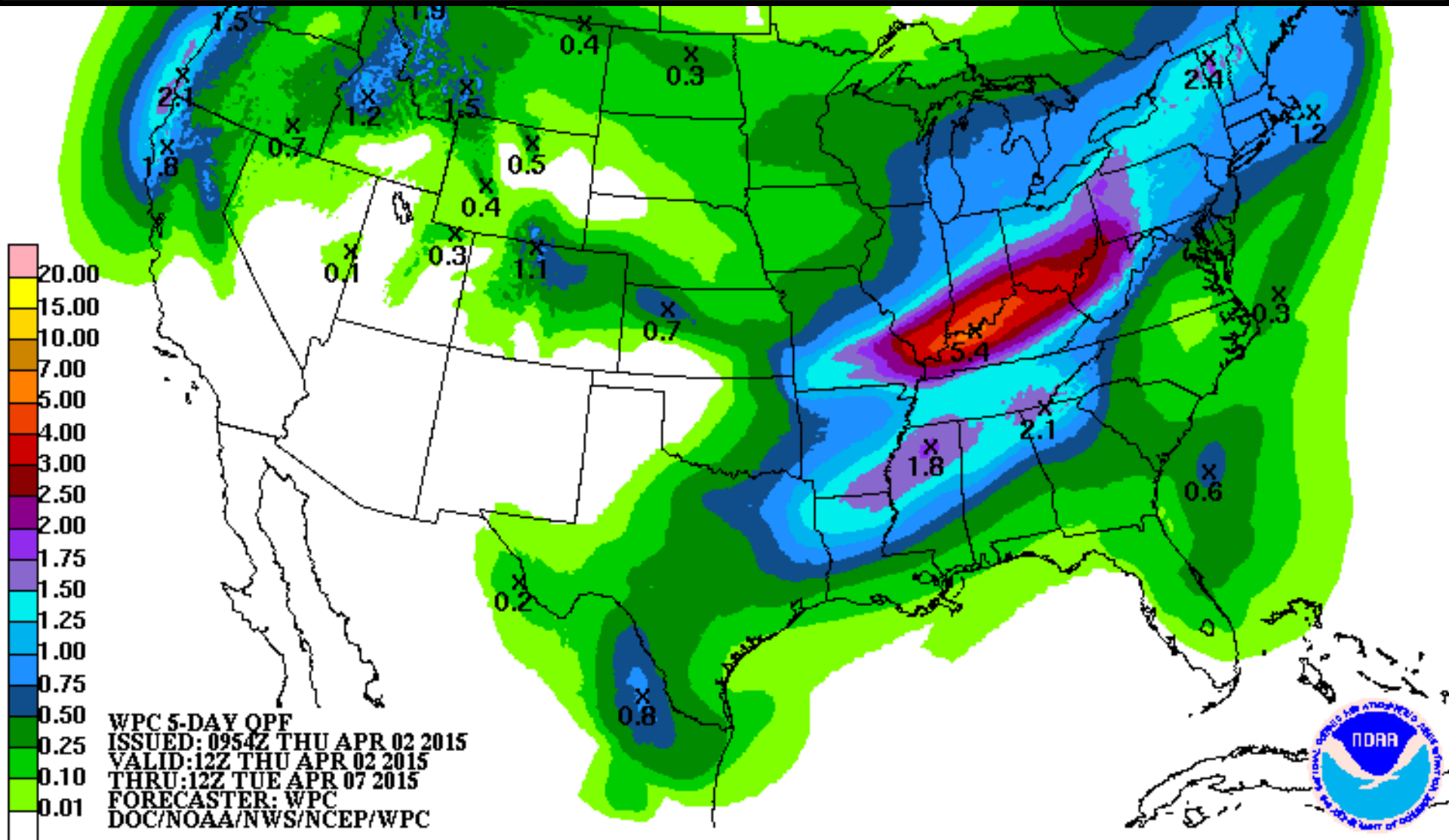
No significant  
impacts expected  
Sunday/Monday



\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

# 5-Day Precipitation

## Thu AM - Tue AM

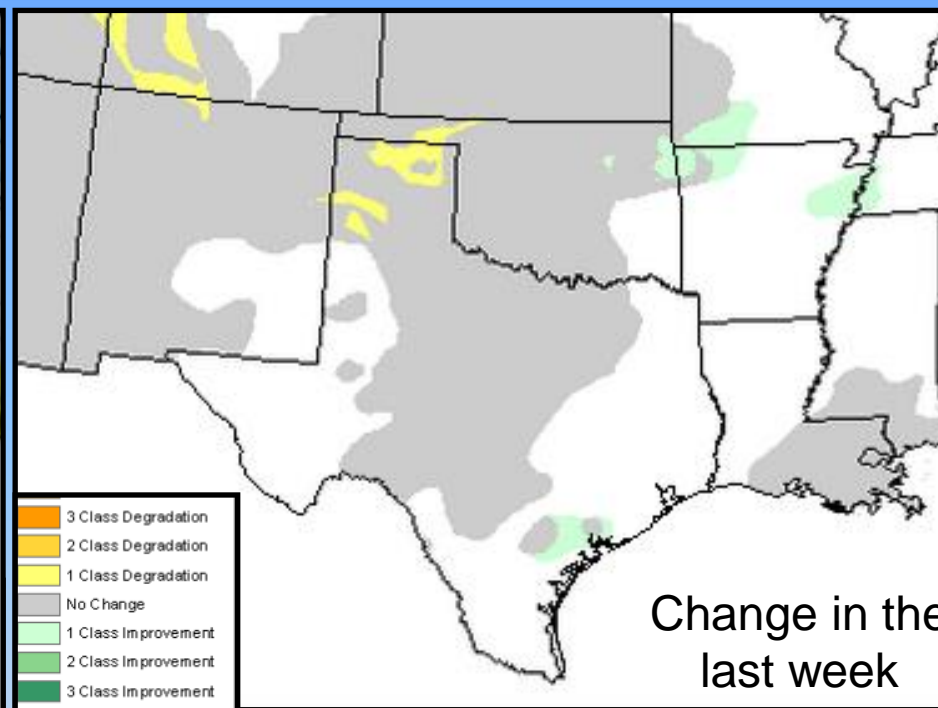
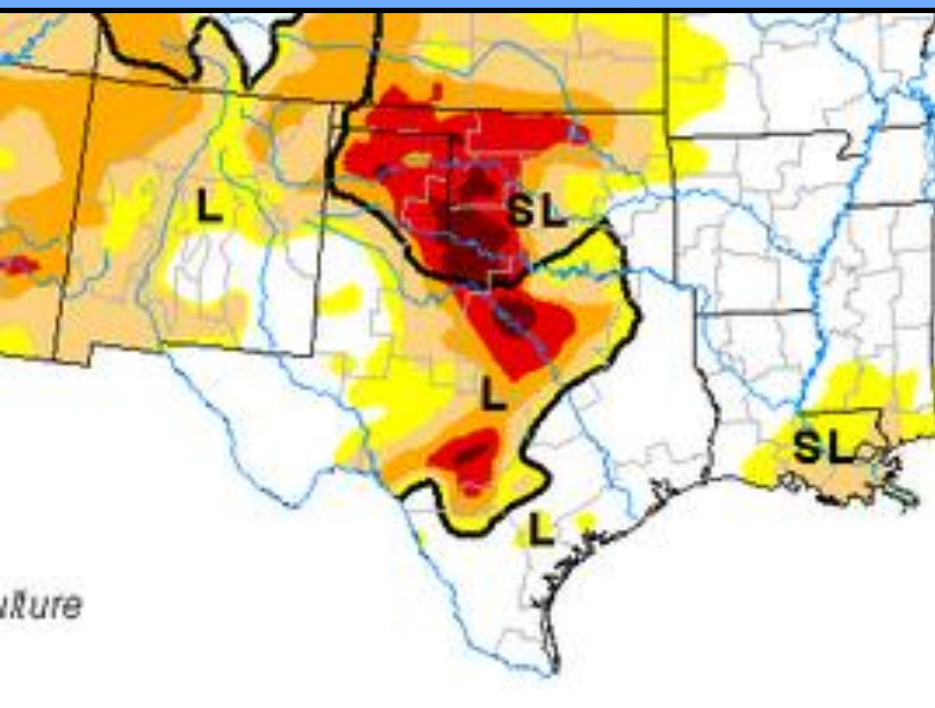






# Drought Monitor Released April 2nd, 2015

Drought data valid through 7am ET on Tuesday, March 31, 2015



Change in the  
last week

## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	37.38%	35.74%	21.74%	24.03%
Texas	15.10%	13.67%	11.70%	27.36%
New Mexico	0.00%	0.00%	3.70%	24.62%
Arkansas	0.00%	0.00%	0.00%	0.00%
Louisiana	0.00%	0.00%	0.00%	0.00%

# Impact Based Warnings

## Enhancing our warnings...

- Easier to find most important information
- Help you prioritize key warnings in your area
- Provide different levels of risk within one warning
- Express confidence in potential impacts





# Impact Based Warnings



## Impact Based Warnings – Radar/Observed Tag

National Weather Service Austin / San Antonio

Created: 4/1/15

### EXAMPLE Tornado Warning

719  
WFUS53 KDMX 122125  
TORDMX  
IAC017-023-122200-  
/O.NEW.KDMX.TO.W.0014.130612T2125Z-130612T2200Z/

BULLETIN - EAS ACTIVATION REQUESTED  
TORNADO WARNING  
NATIONAL WEATHER SERVICE DES MOINES IA  
425 PM CDT WED JUN 12 2013

THE NATIONAL WEATHER SERVICE IN DES MOINES HAS ISSUED A

\* TORNADO WARNING FOR...  
SOUTHWESTERN BREMER COUNTY IN NORTHEAST IOWA...  
CENTRAL BUTLER COUNTY IN NORTH CENTRAL IOWA...

\* UNTIL 500 PM CDT

\* AT 422 PM CDT...A SEVERE THUNDERSTORM CAPABLE OF PRODUCING A  
TORNADO WAS LOCATED NEAR ALLISON...AND MOVING EAST AT 20 MPH.

HAZARD...TORNADO AND QUARTER SIZE HAIL.

SOURCE...RADAR INDICATED ROTATION.

IMPACT...FLYING DEBRIS WILL BE DANGEROUS TO THOSE CAUGHT  
WITHOUT SHELTER. MOBILE HOMES WILL BE DAMAGED OR  
DESTROYED. DAMAGE TO ROOFS...WINDOWS AND VEHICLES  
WILL OCCUR. TREE DAMAGE IS LIKELY.

\* LOCATIONS IMPACTED INCLUDE...  
CLARKSVILLE...SHELL ROCK...WAVERLY AND PLAINFIELD.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

TAKE COVER NOW. MOVE TO AN INTERIOR ROOM ON THE LOWEST FLOOR OF  
A STURDY BUILDING. AVOID WINDOWS. IF IN A MOBILE HOME...A VEHICLE  
OR OUTDOORS...MOVE TO THE CLOSEST SUBSTANTIAL SHELTER AND PROTECT  
YOURSELF FROM FLYING DEBRIS.

&&

LAT...LON 4284 9240 4264 9250 4265 9255 4275 9288

4289 9282

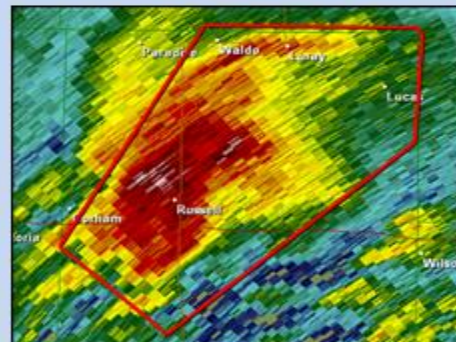
TIME...MOT...LOC 2125Z 280DEG 17KT 4279 9278

TORNADO...RADAR INDICATED  
HAIL...1.00IN

SS

Radar Indicated: Evidence on radar and near storm environment is supportive, but no confirmation.

Observed: Tornado is confirmed by spotters, law enforcement, etc.

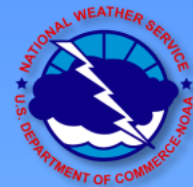


note: Red highlighted areas indicate changes



@NWSSanAntonio  
weather.gov/ewx

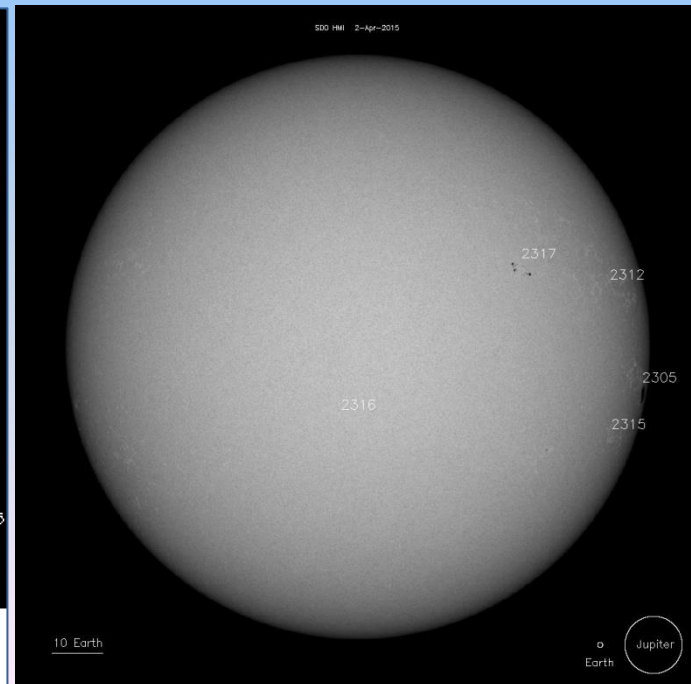
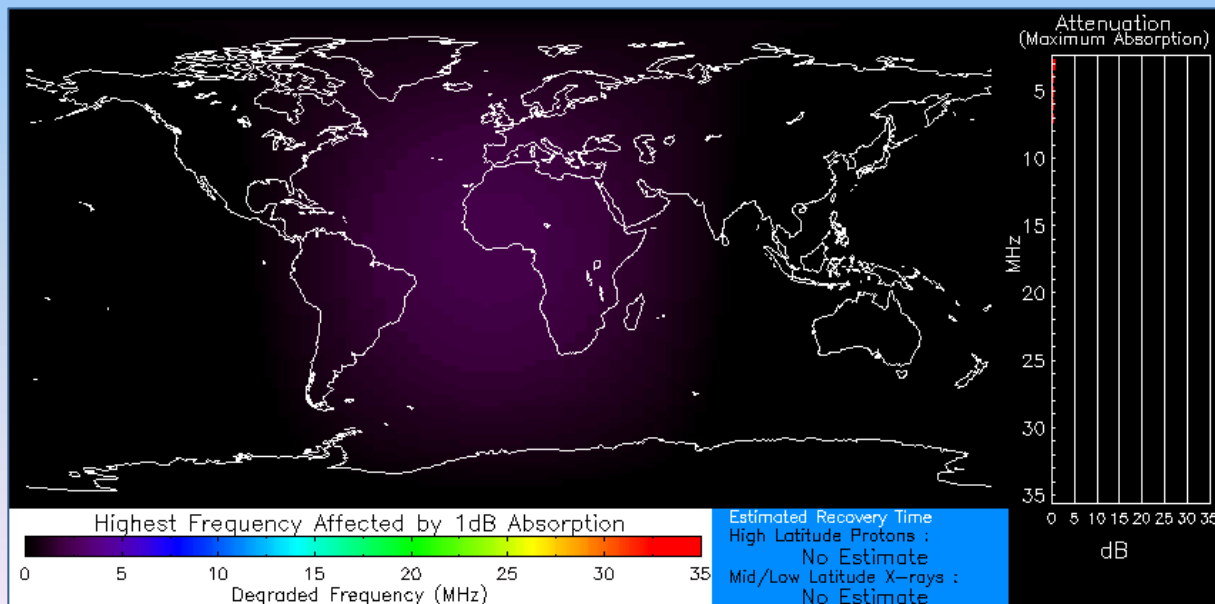
# Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet to Active (Max Kp = 4)	Quiet to Active (Max Kp = 4)	Unsettled to Active (Max Kp = 3 )
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	5%	25%	25%
Radio Blackout (R3-R5)	1%	5%	5%



Normal X-ray Background  
Product Valid At : 2015-04-02 12:26 UTC

Normal Proton Background  
NOAA/SWPC Boulder, CO USA



Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

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